

## METHOD FOR SPRAY-COATING AQUEOUS PAINT

FIELD OF THE INVENTION

[0001] The present invention relates to a method for spray-coating aqueous paint, whereby coating defects raised by a change of in surrounding conditions, such as temperature and humidity, are avoided.

DEFINITION OF TERMS USED HEREIN

[0002] By the The term "allowable volume absolute humidity," in a unit of g/m<sup>3</sup>, employed herein is meant means a difference between saturated volume absolute humidity and absolute humidity at a given temperature. The saturated volume absolute humidity means a maximum amount of water contained in gaseous form in the air of a unit volume.

BACKGROUND OF THE INVENTION

[0003] Aqueous paint (water-borne paint) mainly contains water as a solvent. Therefore, aqueous paint and therefore is not hazardous to the human body in coating conditions, and can easily treat, in comparison with when compared to solvent based paint (solvent-borne paint). The aqueous Aqueous paint is advantageously recycled by collecting with aqueous solvent an over-spray paint that has not been coated, with an aqueous solvent, on an article to be coated, filtering and concentrating the collected paint, followed by and adjusting the paint formulation for recycle use. The recycle recycling of aqueous paint reduces paint waste and attains saving resource saves resources. The Therefore, aqueous paint therefore has been widely used for industrial coating field, such as automotive coating and home electric apparatus coating.

[0004] Coating aqueous paint in In a coating line for automotive bodies.

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